

FIG. 1

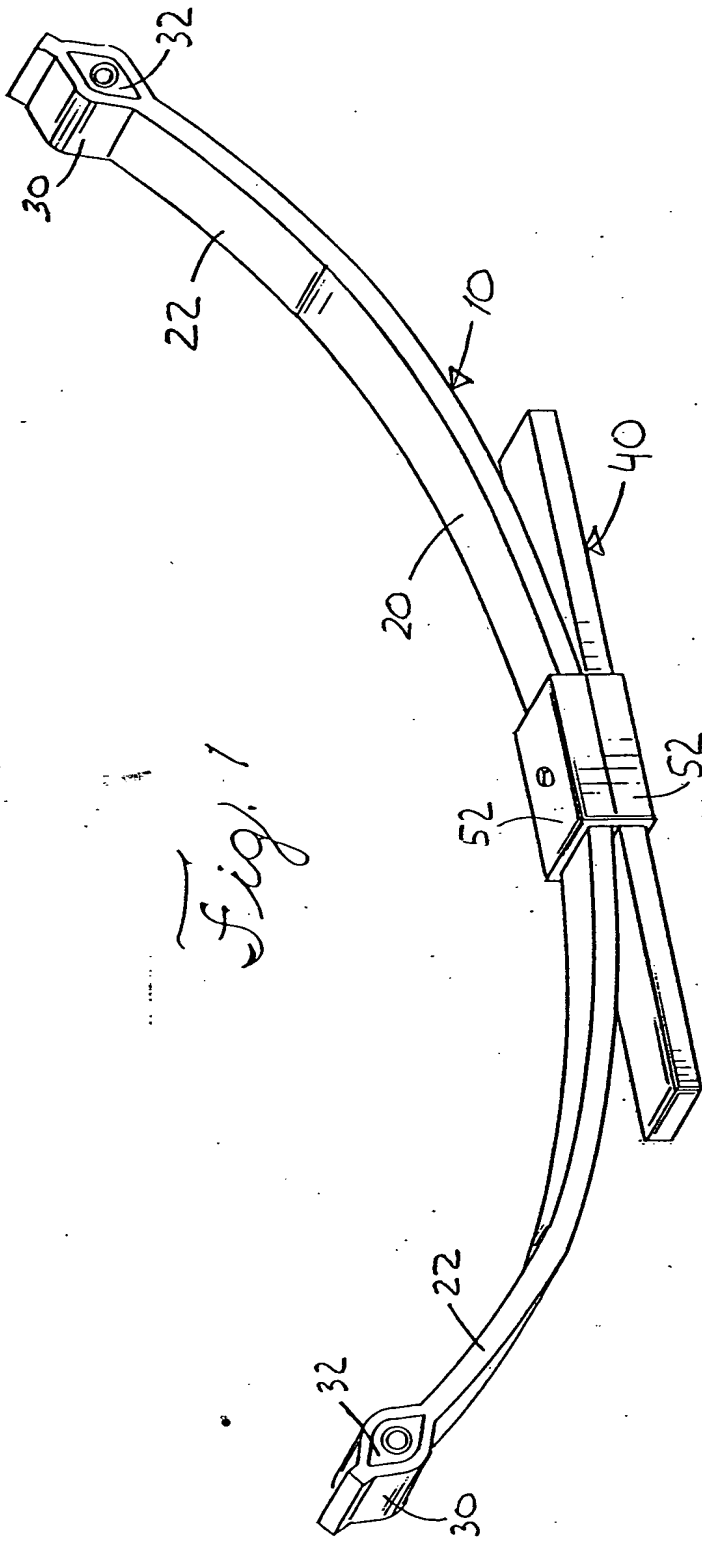


Fig. 1

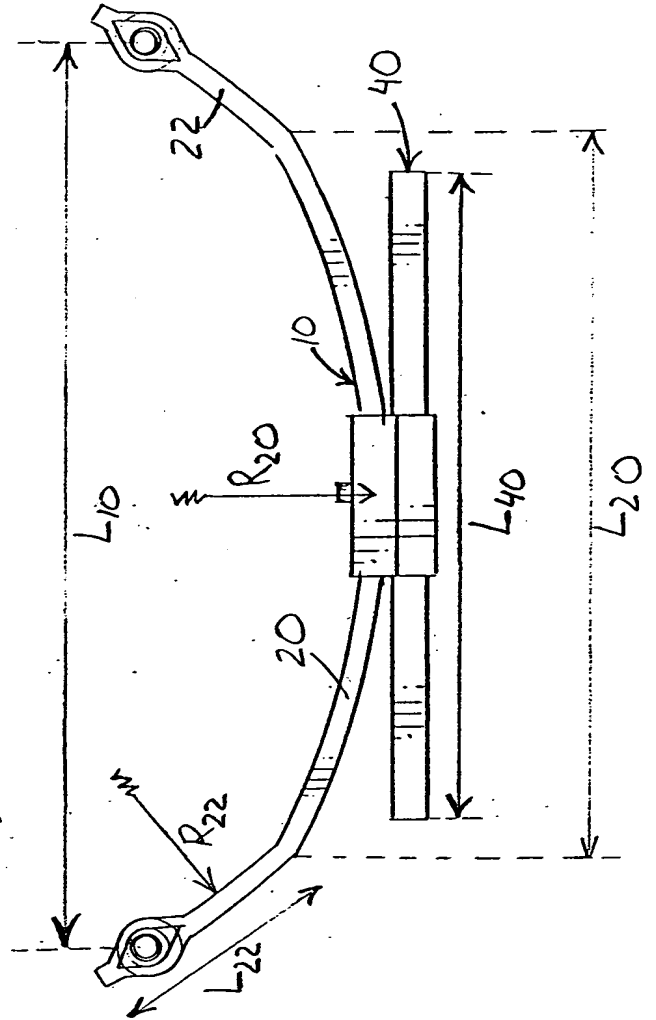
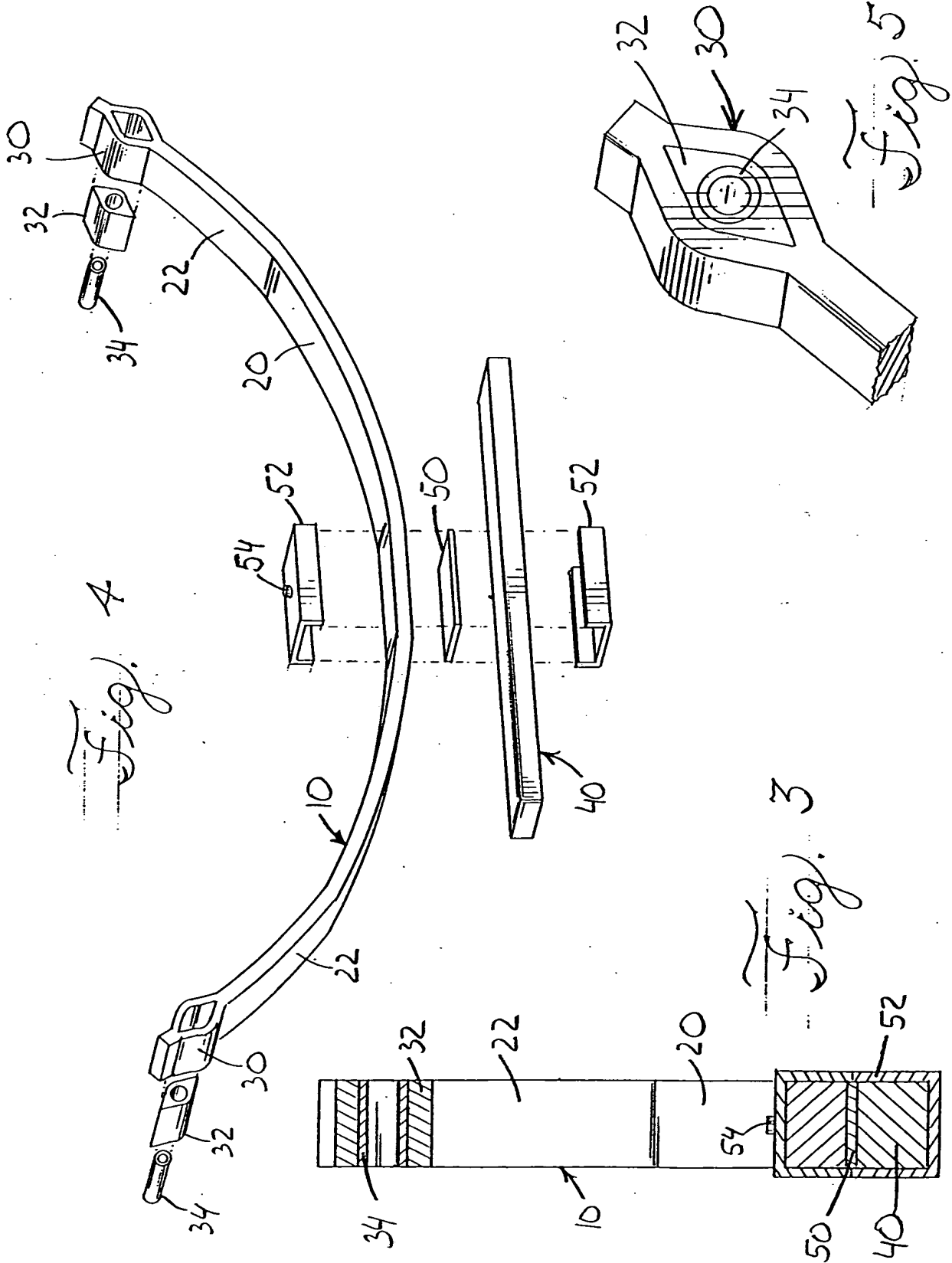
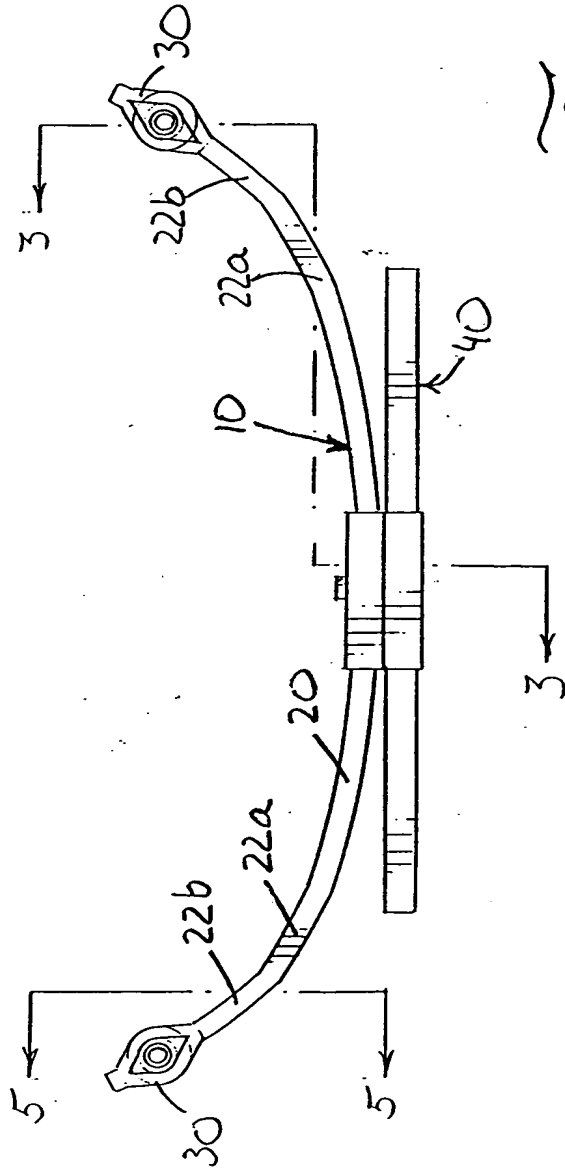
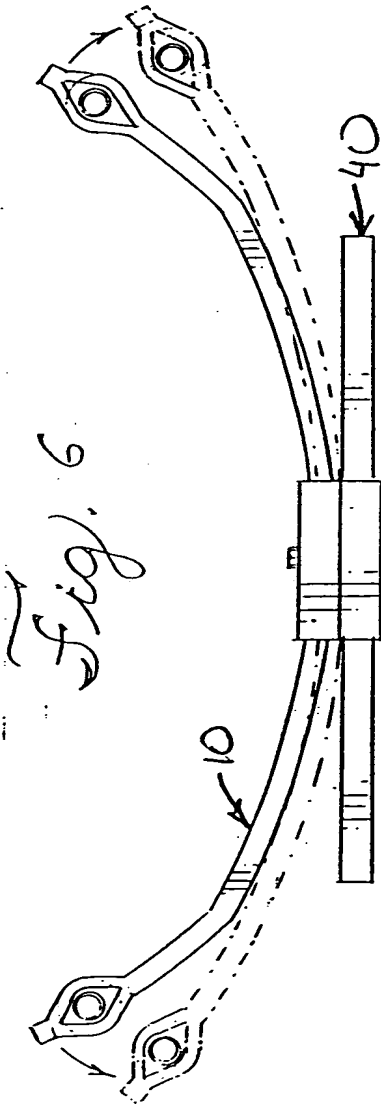


Fig. 2

FIG. 22T" 425400T



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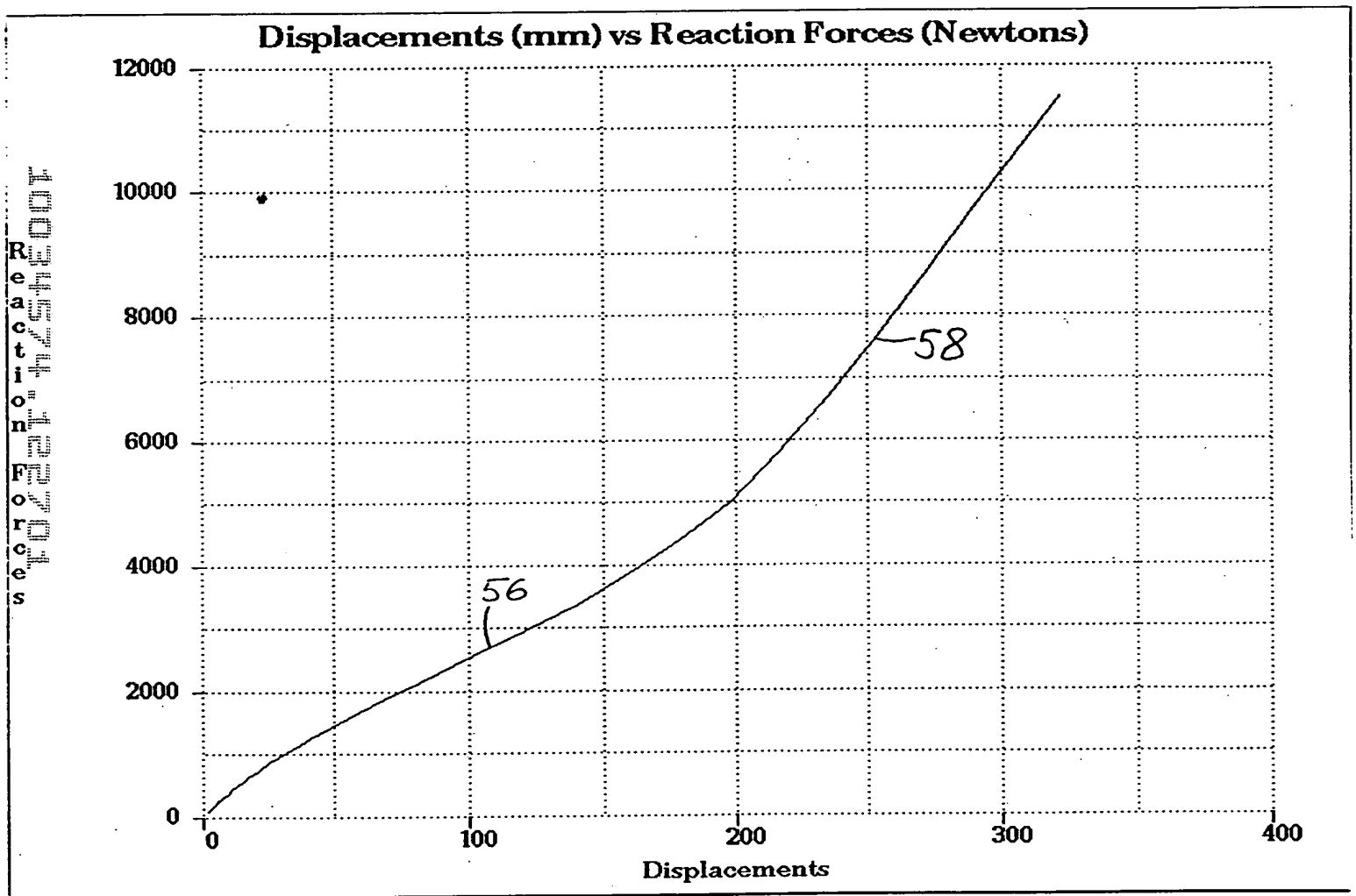


Fig. 8

Provide a main leaf spring
including at least two arc
portions with different radii

60

Provide a load plate adjacent
the leaf spring

62

Apply a downward force to the
leaf spring to achieve a soft
spring rate

64

Apply an increasing downward
force to the leaf spring under
payload conditions to achieve
a continuous non-linear
variable spring rate

66

Fig 9

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